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(54) Title: METHODS FOR INHIBITING ADIPOGENESIS AND FOR TREATING TYPE 2 DIABETES



(57) Abstract: The present invention relates to methods for inhibiting adipogenesis and methods for treating obesity, metabolic syndrome and non-insulin dependent diabetes mellitus by administering an agent that increases Foxa-2 or Fxr, or an agent that activates Fxr. The invention is further related to methods for identifying agents that increase Foxa-2 or Fxr, or activate Fxr, and the use of such agents for treatment of obesity, metabolic syndrome and non-insulin dependent diabetes mellitus. Methods of identifying agents that mediate the phosphorylation of the transcription factor Foxa-2 are provided. Such agents are useful in methods of treating Type 2 diabetes.

WO 2004/087076 A2